## Message

From: Armann, Steve [Armann.Steve@epa.gov]

**Sent**: 3/18/2015 6:04:52 PM

To: Herrera, Angeles [Herrera.Angeles@epa.gov]

Subject: FW: Pesticide Environmental Action Levels (EALs)

FYI ...

Steven S. Armann, Manager Corrective Action Office (LND-4-1) USEPA Region 9 75 Hawthorne Street San Francisco, CA 94105

Phone: 415-972-3352 Fax: 415-947-3533

Email: armann.steve@epa.gov

From: Wilson, Patrick

Sent: Wednesday, March 18, 2015 9:57 AM

To: Armann, Steve

**Subject:** FW: Pesticide Environmental Action Levels (EALs)

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FYI -

Personal Matters / Ex. 6

Sent: Saturday, March 14, 2015 12:38 AM

To: Wilson, Patrick

From: LaDean (

Subject: RE: Pesticide Environmental Action Levels (EALs)

Mr Wilson,

I appreciate that you spoke to me awhile back and seemed open to helping me....I have since emailed you as well as Angeles Herrera and Hickam Communities with a plea to get the soil sampling done in my yard which FINALLY they have done this past Wed. Tetra Tech a company that is in their empty performed the testing so, I although I am happy the testing was performed I am disappointed that it was not your office that performed it as testing has never been done in this area on Hickam so there are no samples to compare the results to, to ensure their honesty. I hate to say it...but Hickam Communities has not exactly been forth coming in a lot of things so I have somewhat of a trust issue with them but am hoping they prove me wrong.

They sent the samples off to the mainland to be analyzed and said it would be about 2 weeks for results, and I am looking forward to seeing them. The military has started the process as I stated in the email to have us relocated back to the mainland as there is no Medical Toxicologist here and the medical professionals here have yet to be able to determine the cause of any of my family members illnesses, and so far the exposer we have suffered can not be ruled out as a cause and is still the main suspect. I know of at least 2 others who have had the EPA do soil sampling in their yards...so I am curious as to why you have not come here to investigate the families who have become ill? There have been multiple families, and animals who have been

sick. I know there is an ongoing FBI investigation, there is at least one lawsuit and more then one complaint.....has anyone from your office gone over the documents for remediation, the "human health risk assessment" I put it in quotes because from the way it was explained to me by someone who knows a LOT more about these things then me it was not done the way it should have been and I am just wondering if that is the case...then WHY has no one from the EPA or a governing authority looked at it...read it over??? HAS anyone done that? I have not seen anything saying the EPA approved it....and I am being told that the HDOH is the "authority" here as far as the state goes....but......when they made Hickam Communities sign into the voluntary agreement because they shuffled contaminated soil around the base willy nilly.......and the contamination in the soil samples were HIGHER the SECOND time around, they said they were "to under staffed" to come out a 3rd time to ensure that they had fixed the problem......so forgive me if I have little faith in them.

I just want military families to have SAFE homes, where their kids can live without breathing toxic air inside their house, where they are not being exposed to pesticides levels up to 30 times higher then they would living off base just to save some HUGE corporation some money. We decretive to have save homes....and parents have a right to know what they face if they decide to live here....and HC does NOT disclose all of this to residents. Is there ANYTHING else that you and the EPA can do to help us? There has to be something? Even if it is using this

http://www2.epa.gov/sites/production/files/2014-05/documents/national agenda to protect childrens health from environmental threats.pdf

Can I send soil samples somewhere to have them analyzed myself? Is that possible? My Dr just took 12 vile's of blood from me today, testing me for things that to day still are undiagnosed and have started since moving here....heavy metal testing was one of the tests he is running. I know there pesticides are also not the only problem o this base, vinyl chloride, dioxin, arsenic, benzenes, petroleums, BTXE, lead, mercury and a lot of other things. Our house is in/around area SS01 on this map......".Specific contaminants detected in Site SS01 surface and/or subsurface soil include total recoverable petroleum hydrocarbons (TRPH); total petroleum hydrocarbons as gasoline (TPH-g); benzene, toluene, ethylbenzene and xylenes (BTEX); and the metals iron and lead. Only TPH-g, benzene, ethylbenzene, and lead exceeded HDOH Tier 1 action levels. A human health risk screening concluded that no unacceptable risk was posed to human health by these COCs, but noted that the results may not be representative of the entire Site SS01 site because the screening was based on a restricted data set."

I KNOW there is a LOT for us to be concerned or potentially concerned about I have done a lot of research since finding out about all of these increased pesticide levels and the remediation and all the things that Hickam has not been up front about or at least in my opinion they haven't. That is why I have been contacting as many people OFF island as I can, people who are in a position that could possibly help, but are not on island and not directly how do I put it......benefiting from HC, or anything. The Marine Corp Base has already gotten the help they need, they finally got justice and people are now aware that the contamination is there on the base, now....we need to make HC resident aware...and HOPEFULLY HC will start FIXING the problem and making the houses SAFE and TELLING people EVERYTHING, so that people, families can make INFORMED discussions on if they want to expose or potentially expose their families to the increased levels that HC has asked for and had approved......and the vapor intrusion that has been happening will HOPEFULLY be taken care of......monitored and MUCH better then the bare spots in the yards.....because they are just telling residents to go get grass seed from the self help store...not fixing it like they are supposed to according to their long term agreement. My # is below, You are welcome to call, I am off most of next week because the kids are out of school for spring break, I will share the link you sent on the RSL's for people to see. I look forward to hearing from you.

https://militaryfamiliesdeservesafehousing.files.wordpress.com/2014/03/air-forceto471 hic lucip final 2007-03-30.pdf

Thank you for your time,
LaDean Personal Matters / Ex. 6

Personal Matters / Ex. 6

From: Wilson.Patrick@epa.gov
To: Personal Matters / Ex. 6
CC: SHOJI.KERRY@EPA.GOV; Cohen.Deborra@epa.gov; Grisier.Mary@epa.gov
Subject: Pesticide Environmental Action Levels (EALs)
Date: Mon, 9 Feb 2015 19:25:18 +0000
Good Morning Personal Matters / Ex. 6
Your question or inquiry to the "EPA Information Contact Form" regarding health-based action levels for several pesticide compounds has been referred to my office. I just attempted to phone you directly via the contact information provided (Phone number: 803-316-1550).
Please feel free to contact me directly via the contact information provided below. I would be happy to speak with you about various environmental screening action levels & their derivation. For your convenience, U.S. EPA's health-based Regional Screening Levels (RSLs) can be found at:
http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/docs/master_sl_table_run_JAN2015.pdf
Best Regards
patrick wilson
Patrick Wilson, Ph.D., M.P.H.  Senior Regional Toxicologist   Regional Incident Coordination Team
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